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**From:** Hughes, Hayley [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D98153A3667544CE81B60DD0B1ECBD0D-HUGHES, HAY]  
**Sent:** 4/21/2020 9:51:08 PM  
**To:** Peterson, Todd [Peterson.Todd@epa.gov]; Knott, Steven [Knott.Steven@epa.gov]  
**Subject:** RE: Todd end of Tuesday  
**Attachments:** SACC March Meeting Briefing Notes TP SK H2 v4 summary portion\_hh\_tp-HH\_smk\_2pm\_hh1745.docx

Here is another version...please take a look.

Hayley Hughes, DrPH, MPH, CSP  
Director, Office of Science Coordination and Policy  
Office of Chemical Safety and Pollution Prevention  
US Environmental Protection Agency

Desk: 202.564.1116  
Email: [Hughes.hayley@epa.gov](mailto:Hughes.hayley@epa.gov)

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**From:** Peterson, Todd <Peterson.Todd@epa.gov>  
**Sent:** Tuesday, April 21, 2020 5:18 PM  
**To:** Hughes, Hayley <hughes.hayley@epa.gov>; Knott, Steven <Knott.Steven@epa.gov>  
**Subject:** RE: Todd end of Tuesday

Quantify ... something to consider! Just thinking out loud here for a moment ... read as lightly spoken and pensive!

I actually think that when we look at the assignment grid and look at the number of cells that have the yellow blocks, those are there because of the reviewers and not a DFO. Simply put, those individuals read the charge questions and thought they might be able to provide responses. Then they sent in the charge question numbers to me and I filled in the chart.

This is more than anecdotal information, it links individuals who have academic training, and in some cases added on the job training in areas going beyond what is identified by their academic degree.

I know that Dr. Sathyanarayana has in the past only requested a few cells be filled in for her (like up to 4 for human health). Those are probably very similar to Dr. Anderson.

The other thing that gets lost is that those members who reviewed the cardiac information seem to have had some idea of what the broader literature offers beyond just what the Agency included in it's review. There again, career experience and maturing of expertise goes beyond the stated expertise.

I would suggest what I am saying might resonate with you and Steve ... possibly.

I am not sure the best way to quantify. Perhaps to look at key words in a charge question and the look at the preferences sent in for answering that question. Exactly what does an MD have to offer here ... as opposed to an issue like asbestos where MDs really see a problem and may have a historical perspective on the cancers and effect on society.

I DO want to help! Can you please give me a call and let me know what approach I can take to quantify this ... I'll put in more time if you wish, I'm just not sure what is the bright line or the exact focus here.

301-681-2883

I'd rather help tonight and leave open tomorrow for the TCE MMFR review, that can't lag otherwise we'll not make the report deadline.

Best Regards,

Todd Peterson, PhD  
Designated Federal Official

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**From:** Hughes, Hayley <[hughes.hayley@epa.gov](mailto:hughes.hayley@epa.gov)>  
**Sent:** Tuesday, April 21, 2020 4:16 PM  
**To:** Peterson, Todd <[Peterson.Todd@epa.gov](mailto:Peterson.Todd@epa.gov)>; Knott, Steven <[Knott.Steven@epa.gov](mailto:Knott.Steven@epa.gov)>  
**Subject:** RE: Todd end of Tuesday

Todd,  
Please help us quantify this information. As the DFO, do you think we were covered during the charge questions that were missing the MDs?

Thanks,  
Hayley

Hayley Hughes, DrPH, MPH, CSP  
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**From:** Peterson, Todd <[Peterson.Todd@epa.gov](mailto:Peterson.Todd@epa.gov)>

**Sent:** Tuesday, April 21, 2020 4:13 PM

**To:** Hughes, Hayley <[hughes.hayley@epa.gov](mailto:hughes.hayley@epa.gov)>; Knott, Steven <[Knott.Steven@epa.gov](mailto:Knott.Steven@epa.gov)>

**Subject:** Todd end of Tuesday

My day started early and so 4 PM is COB.

However, I'm going for my jog right now and will leave the computer on ...

I'll check my email when I get back in 20 min and if you need anything else let me know.

If I don't respond by email by 5 PM ... and you need something ... call me thereafter ...  
301-681-2883

Best Regards,

**Todd Peterson, PhD**  
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